

PRIMARY USE: Reduce erosion.

ADDITIONAL USES: Promote growth of groundcover plants.

EROSION CONTROL BLANKET

What is it? A protective mulch blanket or soil stabilization mat applied to the top of prepared soil for a surface vulnerable to erosion.

Purpose

Erosion control blankets are placed onto prepared, seeded, soils to prevent washing away of the seed and erosion of the prepared seed bed. After the vegetation grows the Erosion Control Blanket degrades over time until only the vegetation is left in place. The vegetation, once established, provides permanent erosion control. Erosion control blankets are superior to hydroseeding: 1) when the growing season is short and plants cannot stabilize the slope quickly, 2) when at high altitudes, or 3) where major storms are a frequent occurrence.



**Installation of Erosion Control Blanket
Perspective View**

Limitations

Erosion control blankets will often mask slope failures from all but the most intense scrutiny until erosion is too far along to effectively treat the slope with spot methods. Erosion control blankets are generally more expensive than hydroseeding.

Materials

Erosion control blankets are made from biodegradable substances such as straw, coconut, or wood fiber.

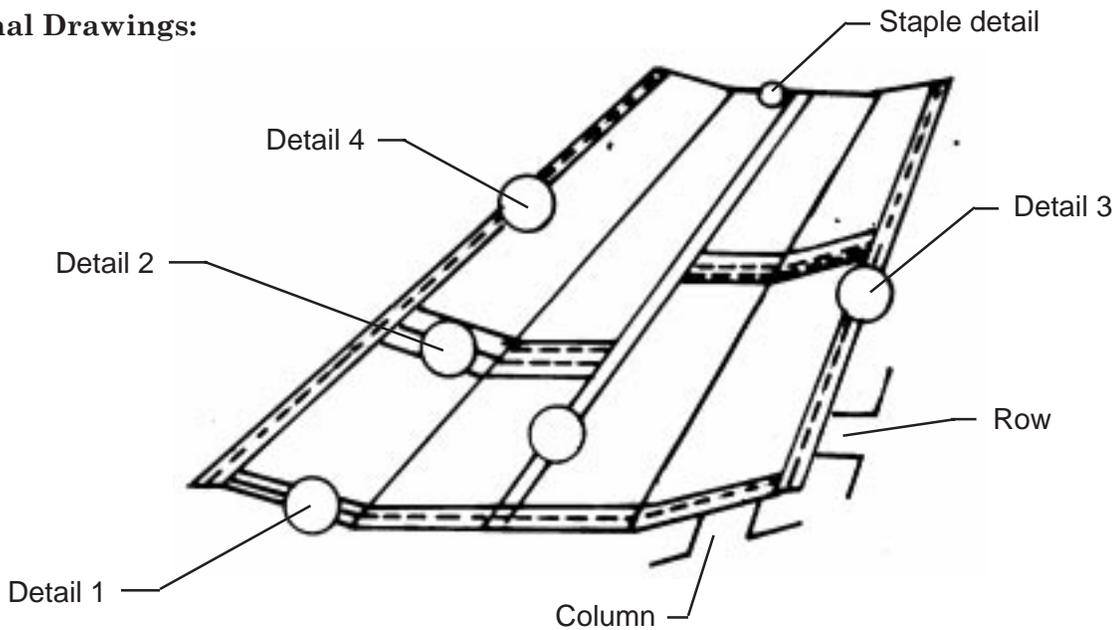
Installation

Care must be taken to anchor edges (particularly on the up-slope side) and overlap joining sections to ensure site protection.

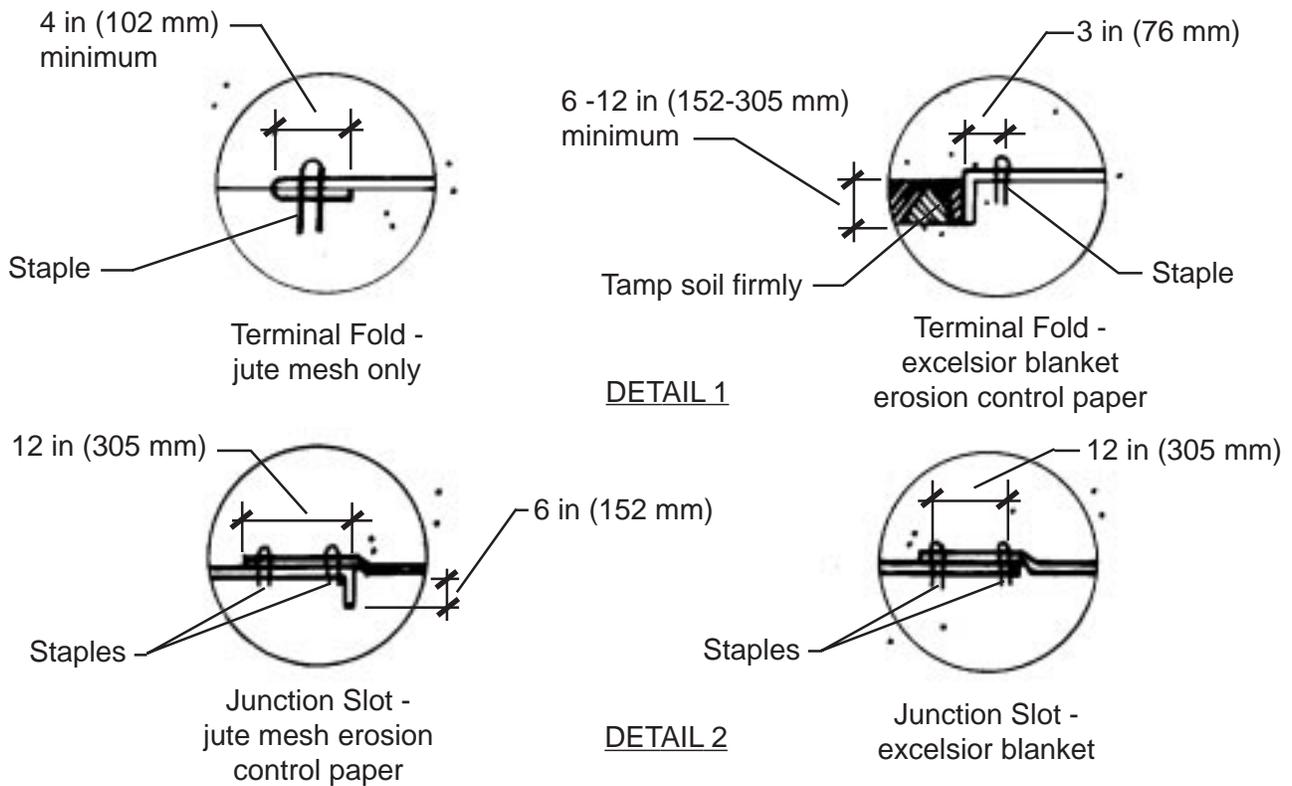
Source: NRCS Watershed Technology Electronic Catalog.

EROSION CONTROL BLANKET

Additional Drawings:



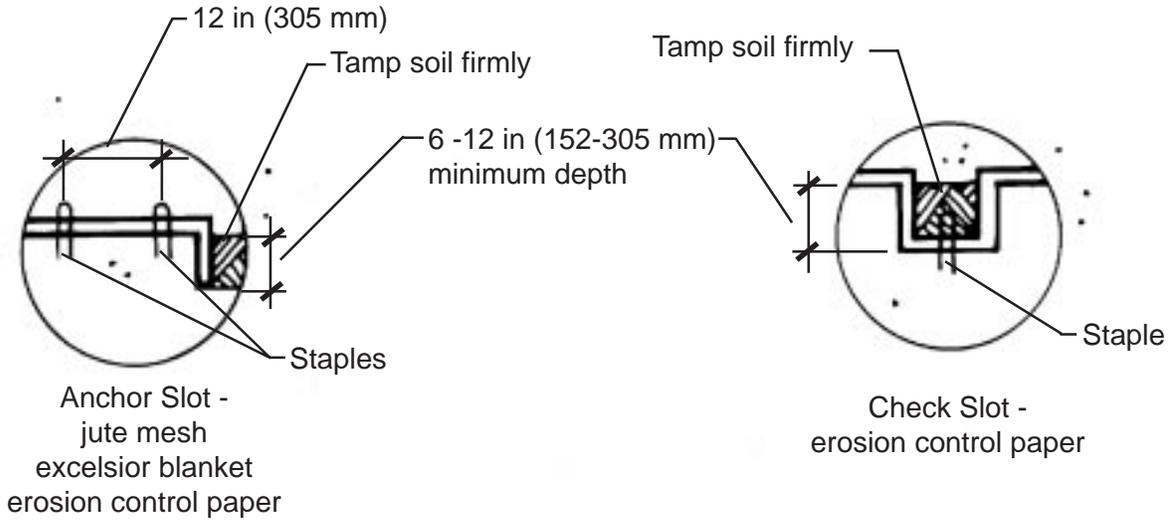
**Erosion Control Blanket
Perspective View**



**Erosion Control Blanket;
Detail 1 and Detail 2
Section View**

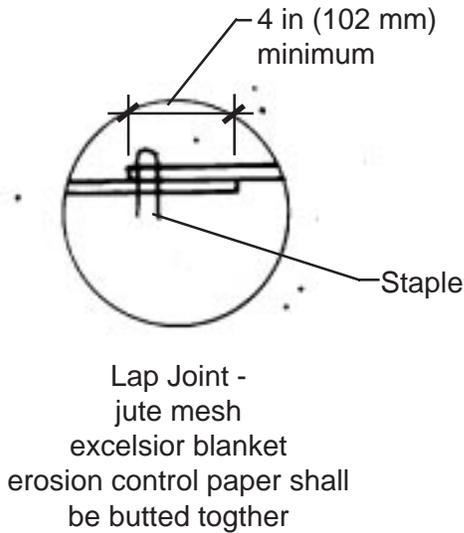
EROSION CONTROL BLANKET

Additional Drawings:

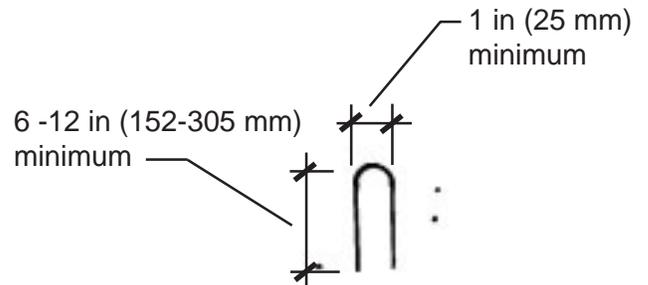


DETAIL 3

DETAIL 4



DETAIL 5



STAPLE DETAIL

**Erosion Control Blanket;
Detail 3, Detail 4, Detail 5, and Staple Detail
Section View**